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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Goodman et al.

Group Art Unit: 1636

US Pat. No. 6,270,984; Issued: Aug. 7, 2001

Examiner: McKelvey, T.

Serial No. 09/540,245; Filed: Mar. 31, 2000

Attorney Docket No. B98-031-5

**APPROVED**

JUN 18 2002

For: *Modulating Robo: Ligand Interactions*

FOR THE DIRECTOR OF USPTO

CERTIFICATE OF MAILING

I hereby certify that this corr. is being deposited with the US Postal Service as First Class Mail in an envelope addressed to the Comm. for Patents, Washington, D.C. 20231 on August 14, 2001.

Signed

Richard Osman

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37CFR1.322

The Commissioner for Patents  
Washington, DC 20231

**CERTIFICATE**

SEP 04 2001

**OF CORRECTION**

Dear Commissioner:

The Assignee of this Patent requests that the Commissioner issue a certificate of correction in this Patent.

The Office incorrectly printed the claims in this Patent. Specifically, the claims as printed do not correspond to the Examiner's amendments authorized 2/9/01, wherein the Examiner amended the dependent claims (claims 2-21) to accord with the antecedent basis in claim 1. In particular, each occurrence of "Slit" and "Robo" was to be replaced with "first" and "second" respectively (except in the second and last lines of claims 20 and 21, which appear to have been overlooked).

The printer neglected to replace "Robo" with "second" and "Slit" with "first" in claim 19; and while the printer replaced "Robo" with "Second" in the second line of claims 20 and 21, "Slit" was not replaced with "first" and neither "Slit" nor "Robo" was replaced in the last line of claims 20 and 21. Finally, in each of claims 17-21, where the printer did replace "Robo" with "Second", the "Second" should not have been capitalized.

Accordingly, please correct the Patent by reprinting claims so that they properly reflect those allowed/intended by the Examiner. This correction includes no new matter.

The correct claims are as follows:

1. A mixture comprising an isolated first polypeptide and a second polypeptide, said first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:2-14, or a subsequence thereof having at least 16 consecutive amino acid residues thereof, said second polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:15-20, or a subsequence thereof sufficient to specifically bind said first polypeptide.
2. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:2-14, or a subsequence thereof having at least 64 consecutive amino acid residues thereof.
3. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:2-14.
4. A mixture according to claim 1, the first polypeptide comprising SEQ ID NO:2, or a subsequence thereof having at least 16 consecutive amino acid residues thereof.
5. A mixture according to claim 1, the first polypeptide comprising SEQ ID NO:2, or a subsequence thereof having at least 64 consecutive amino acid residues thereof.
6. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:3-6, or a subsequence thereof having at least 16 consecutive amino acid residues thereof.
7. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:3-6, or a subsequence thereof having at least 64 consecutive amino acid residues thereof.

8. A mixture according to claim 1, the first polypeptide comprising SEQ ID NO:7, or a subsequence thereof having at least 16 consecutive amino acid residues thereof.
9. A mixture according to claim 1, the first polypeptide comprising SEQ ID NO:7, or a subsequence thereof having at least 64 consecutive amino acid residues thereof.
10. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:8-9, or a subsequence thereof having at least 16 consecutive amino acid residues thereof.
11. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:8-9, or a subsequence thereof having at least 64 consecutive amino acid residues thereof.
12. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:10-11, or a subsequence thereof having at least 16 consecutive amino acid residues thereof.
13. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:10-11, or a subsequence thereof having at least 64 consecutive amino acid residues thereof.
14. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:12-14, or a subsequence thereof having at least 16 consecutive amino acid residues thereof.
15. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NOS:12-14, or a subsequence thereof having at least 64 consecutive amino acid residues thereof.

16. A mixture according to claim 1, the first polypeptide comprising at least one sequence selected from the group consisting of SEQ ID NO:2, amino acid residues 1-10; SEQ ID NO:2, amino acid residues 29-41; SEQ ID NO:2, amino acid residues 75-87; SEQ ID NO:2, amino acid residues 92-109; SEQ ID NO:2, amino acid residues 132-141; SEQ ID NO:2, amino acid residues 192-205; SEQ ID NO:2, amino acid residues 258-269; SEQ ID NO:2, amino acid residues 295-311; SEQ ID NO:2, amino acid residues 316-330; SEQ ID NO:2, amino acid residues 373-382; SEQ ID NO:2, amino acid residues 403-422; SEQ ID NO:2, amino acid residues 474-485; SEQ ID NO:2, amino acid residues 561-576; SEQ ID NO:2, amino acid residues 683-697; SEQ ID NO:2, amino acid residues 768-777; SEQ ID NO:2, amino acid residues 798-813; SEQ ID NO:2, amino acid residues 882-894; SEQ ID NO:2, amino acid residues 934-946; SEQ ID NO:2, amino acid residues 1054-1067; SEQ ID NO:2, amino acid residues 1181-1192; SEQ ID NO:2, amino acid residues 1273-1299; SEQ ID NO:2, amino acid residues 1383-1397; SEQ ID NO:2, amino acid residues 1468-1477; and SEQ ID NO:2, amino acid residues 1508-1517.

17. A mixture according to claim 1, comprising a cell comprising the second polypeptide.

18. A mixture according to claim 3, comprising a cell comprising the second polypeptide.

19. A mixture according to claim 1, comprising a candidate agent for modulating an interaction of the second and first polypeptides.

20. A method of identifying agents which modulate the interaction of a second polypeptide and a first polypeptide, said method comprising the steps of:

combining the mixture of claim 1 and a candidate agent under conditions whereby, but for the presence of the agent, the second and first polypeptides engage in a first interaction, and determining a second interaction of the second and first polypeptides in the presence of the agent,

wherein a difference between the first and second interactions indicates that the agent

modulates the interaction of the second and first polypeptides.

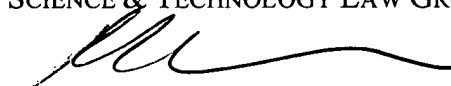
21. A method of identifying agents which modulate the interaction of a second polypeptide and a first polypeptide, said method comprising the steps of:

combining the mixture of claim 3 and a candidate agent under conditions whereby, but for the presence of the agent, the second and first polypeptides engage in a first interaction, and determining a second interaction of the second and first polypeptides in the presence of the agent,

wherein a difference between the first and second interactions indicates that the agent modulates the interaction of the second and first polypeptides.

The Commissioner is hereby authorized to charge any necessary fees or credit any overpayments associated with this communication to our Deposit Account No. 19-0750 (order no. B98-031-5).

Respectfully submitted,  
SCIENCE & TECHNOLOGY LAW GROUP



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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,270,984 B1  
DATED : August 7, 2001  
INVENTOR(S) : Corey S. Goodman, et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 93-96, lines 52-40  
The correct Claims should read as  
attached.

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